Notice of Allowability	Application No.	Applicant(s)		
	10/522,373	HAN ET AL.		
	Examiner	Art Unit		
	Joseph Lauture	2819		
	<u> </u>			
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this applied or other appropriate communication GHTS. This application is subject to	plication. If not include will be mailed in due o	d course, THIS	
1. \boxtimes This communication is responsive to $\underline{\mathit{correspondence filed}}$	<u>12/08/05</u> .			
2. The allowed claim(s) is/are <u>7-12</u> .		•		
3. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the:		•		
 Certified copies of the priority documents have 				
2. Certified copies of the priority documents have				
 Copies of the certified copies of the priority doc International Bureau (PCT Rule 17.2(a)). 	cuments have been received in this	national stage applicati	ion from the	
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the req	uirements	
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF	
5. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.			
(a) including changes required by the Notice of Draftspers		948) attached		
1) ☐ hereto or 2) ☐ to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	Office action of		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of	
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL n FOR THE DEPOSIT OF BIOLOGICA	nust be submitted. N AL MATERIAL.	ote the	
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	· .		•	
Attachment(s)	<u> </u>			
1. Notice of References Cited (PTO-892)		5. Notice of Informal Patent Application (PTO-152)		
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		6. Interview Summary (PTO-413),		
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 	Paper No./Mail Dat 8), 7. 💢 Examiner's Amendn	nent/Comment		
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 		8. Examiner's Statement of Reasons for Allowance		
	9. Other	io		
	CUREON	RUMPABAME REXFORD BARNIE	NZ	
	SUPEHV	ISORY PATENT EXA	AMINEH	

Allowable Subject Matter

Claims 7-12 are allowable.

The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach a time-interleaved delta sigma modulator having a plurality of channel blocks, each having a first adder, a second adder and a comparator, wherein an n channel block output of the first adder is transmitted to the first adder and the second adder of an n + 2 channel block; and an n block output of the second adder is transmitted to the second adder of an n+2 block; and an output that passes an n block comparator is transmitted to the first adder and the second adder of an n+2 block.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation Of Relevant Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Zhang (US 6,825,784) teaches a dithering method for sigma-delta analog-to-digital converters.

EXAMINER'S AMENDMENT

In the Specification, page 1, line 6, before "The", insert --This application is a national stage entry of PCT/KR02/01623 filed 08/29/02.--

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CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joseph Lauture, whose telephone number is

(571) 272-1805. The examiner can normally be reached Monday to Friday

between 9:30 am and 6:00 PM

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Rexford Barnie can be reached at (571) 272-7492. The

fax number for the organization to which this application is assigned is (571) 273-

8300.

Information regarding the status of an application may be obtained from

the Patent Application Information Retrieval (PAIR) system. Status information

for published applications may be obtained from either Private PAIR or Public

PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-

direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll

free).

REXFORD BARNIE
SUPERVISORY PATENT EXAMINER

Joseph Lauture Art Unit: 2819

Date: 01/13/2006